

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/042364

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02G15/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 970 596 A (CARDINAELS ET AL) 26 October 1999 (1999-10-26) column 3, line 6 - line 9 column 3, line 22 - line 23 -----	1-3,7
X	EP 0 860 925 A (SAGEM SA) 26 August 1998 (1998-08-26) column 2, line 22 - line 29 column 4, line 11 - line 12 column 4, line 50 - line 51 column 5, line 25 - line 28 column 6, line 20 - line 25 -----	1-4,7
P,X	WO 2004/006403 A (3M INNOVATIVE PROPERTIES COMPANY; SUZUKI, SHIGERU; INOUE, MITSU HARU; N) 15 January 2004 (2004-01-15) the whole document ----- -/-	1,2,4,6, 7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

6 April 2005

Date of mailing of the international search report

26/04/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 540-2040, Tx. 91 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Moueza, A

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/US2004/042364

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 037 352 A (CABLES PIRELLI) 20 September 2000 (2000-09-20) the whole document	1,6

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/042364

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5970596	A	26-10-1999	FR 2746459 A1	26-09-1997
			DE 69707948 D1	13-12-2001
			DE 69707948 T2	27-06-2002
			EP 0797281 A1	24-09-1997
			ES 2163720 T3	01-02-2002
			NO 971264 A	22-09-1997
EP 0860925	A	26-08-1998	FR 2760145 A1	28-08-1998
			DE 69800144 D1	21-06-2000
			DE 69800144 T2	11-01-2001
			EP 0860925 A1	26-08-1998
			ES 2147469 T3	01-09-2000
WO 2004006403	A	15-01-2004	JP 2004034518 A	05-02-2004
			AU 2003238904 A1	23-01-2004
			EP 1518309 A1	30-03-2005
			WO 2004006403 A1	15-01-2004
EP 1037352	A	20-09-2000	FR 2790863 A1	15-09-2000
			AT 257287 T	15-01-2004
			DE 60007470 D1	05-02-2004
			DE 60007470 T2	02-12-2004
			EP 1037352 A1	20-09-2000
			ES 2213547 T3	01-09-2004